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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 2003\_0819A

First Named Inventor : Jun SUGAHARA et al.

Title: ROTARY ENCODER

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**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

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|---|--|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form<br/><i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Small Entity Status is hereby asserted.</p> <p>3. <input checked="" type="checkbox"/> Specification<br/><i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Sequence Listing, a table, or a computer program listing appendix.</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 USC 113)</i><br/><i>(Total Sheets: 21)</i></p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration<br/>       a.1. <input type="checkbox"/> Newly executed (original or copy)<br/>       a.2. <input checked="" type="checkbox"/> Unexecuted<br/>       b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/> <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br/>           Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </p> <p>6. <input type="checkbox"/> Application Data Sheet (see 37 CFR 1.76)</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or computer program <i>(Appendix)</i></p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br/><i>(if applicable, all necessary)</i></p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> The paper and computer readable copies are identical</li> </ul> |
|---|--|

**ACCOMPANYING APPLICATION PARTS**

- 9.  Assignment Papers (cover sheet & document(s))
- 10.  37 CFR 3.73(b) Statement *(when there is an assignee)*
  - Power of Attorney
- 11.  English Translation Document *(if applicable)*
- 12.  Information Disclosure Statement (IDS)/PTO-1449
  - Copies of IDS Citations
- 13.  Preliminary Amendment
- 14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
- 15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
- 16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).  
 Applicant must attach form PTO/SB/35 or its equivalent.
- 17.  Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below, and in a preliminary amendment, or in an Application Data Sheet :

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.

Prior Application Information: Examiner                          Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

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PATENT TRADEMARK OFFICE

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June 24, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jun SUGAHARA et al.

Serial No. NEW

Filed June 24, 2003

ROTARY ENCODER

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Attn: APPLICATION BRANCH

Attorney Docket No. 2003\_0819A

**PATENT OFFICE FEE TRANSMITTAL FORM**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is a check in the amount of \$750.00 to cover Patent Office fees relating to filing the following attached papers:

New application ..... \$750.00

Additional Claims Fee:

Excess of Twenty ..... \$

Independent ..... \$

Multiple Dependent Fee ..... \$

A duplicate copy of this paper is being submitted for use in the Accounting Division, Office of Finance.

*The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.*

Respectfully submitted,

Jun SUGAHARA et al.

By Charles R. Watts

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June 24, 2003

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